

FUNCTIONAL STANDARDS

Electronically store data on all NVAC-approved core data elements

2.1 Are the following data entry fields included in your IIS database?

Core Data Element

- a. Patient's first name
- b. Patient's middle name
- c. Patient's last name
- d. Patient's birth date
- e. Patient's sex
- f. Patient's birth state
- g. If patient was born outside the U.S., can the IIS record the patient's birth country?
- h. Mother's first name
- i. Mother's maiden name
- j. Mother's last name
- k. Vaccine type
- l. Vaccine manufacturer
- m. Vaccination date
- n. Vaccination lot number

Establish an IIS record within 6 weeks of birth for each newborn child born in the geographical area

2.2 What is the average amount of time, in weeks, between a child's birth and the establishment of an IIS record?

2.2.1 What % of newborn children have an IIS record established within 6 weeks of birth?

Enable access to immunization information in the IIS at the time of encounter

2.3 Prior to a patient encounter, can a participating provider access immunization information in the IIS?

2.3.1 During a patient encounter, can a participating provider access immunization information in the IIS?

Receive and process immunization information within 1 month of vaccine administration

2.4 Does your IIS receive and process vaccine and other immunization encounter information within 1 month (*1 month=30 days*) of vaccine administration?

2.4.1 For all of the vaccines administered during CY2004 and recorded in the IIS, what percentage of vaccine doses were reported to the IIS within the following time frames:

Time from immunization to record entry into the IIS:

- a. % equal to or less than 1 month (30 days)
- b. % greater than 1 month - equal to or less than 8 weeks (31-60 days)
- c. % greater than 8 weeks (61 or more days)
- d. Cannot flag historical shot records and exclude them from this analysis
- e. Cannot answer this question.

Protect the confidentiality of medical information

- 2.5** Has a written confidentiality policy been implemented for your IIS?
- 2.5.1** Has this policy been reviewed and found to be in compliance with federal, state, and local legislation?
- 2.5.2** Has this policy been reviewed and found to be consistent with the minimum specifications contained in Chapter 2, Appendix B of the Community Immunization Registry Manual, except where superseded by state or local legislation?

Ensure the security of medical information

- 2.6** Has a written security policy been implemented for your IIS?
- 2.6.1** Has this policy been reviewed and found to be in compliance with federal, state, and local legislation?
- 2.6.2** Has this policy been reviewed and found to be consistent with the minimum specifications contained in Chapter 2, Appendix D of the Community Immunization Registry Manual, except where superseded by state or local legislation?

Exchange immunization records using Health Level 7 (HL7) standards

- 2.7** If we were to send your IIS a query today for a specific immunization record via an HL7 message, could your IIS process that message and return either an HL7 message showing multiple matches to the query or return the immunization record in an HL7 VXR message consistent with the specifications in the current version of NIP's HL7 implementation guide?
- 2.7.1** If we were to send your IIS a new immunization record today via an HL7 VXU message, could your IIS process that message and upload the record into your database consistent with the specifications in the current version of NIP's HL7 implementation guide

Automatically determine the immunization(s) needed, in compliance with current ACIP recommendations, when an individual presents for a scheduled encounter

- 2.8 Is an automated IIS function in place, accessible at the provider level, that identifies needed immunizations, consistent with current [ACIP recommendations](#), given an individual's immunization history to date?

Automatically identify individuals due/late for immunization(s) to enable the production of reminder/recall notifications

- 2.9 Reminder (due for immunization(s))
Can your IIS electronically generate reminder notifications (e.g., notices to be mailed, input to an automated telephone reminder system, lists for provider use)?
- 2.9.1 Recall (overdue for immunization(s))
Can your IIS electronically generate recall notifications (e.g., notices to be mailed, input to an automated telephone reminder system, lists for provider use)?

Automatically produce immunization coverage reports by providers, age groups, and geographic areas

By which of the following categories is your IIS able to produce immunization reports?

- 2.10 For a given age group of children (e.g., 19-35 months of age, less than age 6)?
- 2.10.1 By individual provider or site?
- 2.10.2 By geographic subdivision within the area covered by the IIS (e.g., county, zip code)?

Produce authorized immunization records

- 2.11 Is an IIS function in place that allows authorized users to print a copy of an individual's immunization history that serves as an **"official immunization record"**?

A patient's immunization history that is acceptable to schools and daycares as proof of immunization pursuant to state law.

Promote accuracy and completeness of IIS data

- 2.12 Does the IIS have a data quality **protocol** to combine all available information relating to a particular individual into a single accurate immunization record?